II. CLAIM AMENDMENTS

1. (Currently Amended) A method of allocating data transmission resources in a packet-switched telecommunications system including a terminal and a fixed network to which an operational entity is defined for defining resources for a radio bearer, the method comprising the following steps ~~of~~ in order:

defining a compression method of header fields in data packets used on the radio bearer, and

defining ~~the~~ radio bearer resources for the terminal on the basis of an application used by the terminal on said radio bearer in such a manner that said resources also comprise the capacity required by the defined compression method of header fields in data packets.

2. (Currently Amended) The method as claimed in claim 1, further comprising a step, ~~of~~ after defining the radio bearer resources,

transmitting the compression method of header fields in data packets, which are supported by the terminal, to the operational entity in the fixed network for defining the compression method to be used.

3. (Previously Presented) The method as claimed in claim 1, further comprising a step of

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defining capacity in two directions for said radio bearer in response to the defined compression method of header fields in data packets requiring a bi-directional connection.

4. (Previously Presented) The method as claimed in claim 1, wherein

the packet-switched telecommunications system is a UMTS system and the operational entity for defining resources for the radio bearer comprises a radio resource control protocol and a radio resource management system.

5. (Previously Presented) The method as claimed in claim 4, wherein

the resources of said radio bearer are defined in the radio resource management system.

6. (Previously Presented) The method as claimed in claim 5, wherein

the defined radio bearer resources are transmitted to the radio resource control protocol which allocates the radio resources of the radio bearer.

7. (Previously Presented) The method as claimed in claim 4, wherein

the compression method of header fields in data packets, which are supported by a convergence protocol of the terminal, are transmitted to a radio network controller for defining the compression method to be used.

8.   (Currently Amended) A packet-switched telecommunications system including a terminal and a fixed network which comprises an operational entity for defining resources for a radio bearer, in which system

a compression method of header fields in data packets used on the radio bearer is configured to be defined, and after the compression method is configured to be defined,

the resources of the radio bearer are configured to be defined on the basis of an application used by the terminal on said radio bearer in such a manner that said resources also comprise the capacity required by the defined compression method of header fields in data packets.

9.   (Previously Presented)   The telecommunications system as claimed in claim 8, wherein

the compression method of header fields in data packets, which are supported by the terminal, are configured to be transmitted to the operational entity in the fixed network for defining the compression method to be used.

10. (Previously   Presented)   The   packet-switched telecommunications system as claimed in claim 8, wherein

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the packet-switched telecommunications system is a UMTS system and the operational entity for defining resources for the radio bearer comprises a radio resource control protocol and a radio resource management system.

11. (Currently Amended) A network element for a packet-switched telecommunications system, the network element comprising an operational entity for defining resources for a radio bearer, the network element being arranged to:

define a compression method of header fields in data packets used on the radio bearer; and, after defining the compression method ,

define resources of the radio bearer on a basis of an application used by a terminal on the radio bearer; and then

control a definition of the radio bearer resources in accordance with a capacity required by the defined compression method of header fields in data packets.

12. (Previously Presented) The network element as claimed in claim 11, wherein the network element is further arranged to:

define capacity in two directions for the radio bearer in response to the defined compression method of header fields in data packets requiring a bi-directional connection.

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13. (Previously Presented) The network element as claimed in claim 11, wherein the network element comprises a radio resource control protocol and a radio resource management system as the operational entity for defining resources for the radio bearer.

14. (Previously Presented) The network element as claimed in claim 13, wherein

the radio resource management system is arranged to define the resources of the radio bearer.

15. (Previously Presented) The network element as claimed in claim 14, wherein the radio resource management system is arranged to transmit the defined radio bearer resources to the radio resource control protocol, which allocates the radio resources of the radio bearer.

16. (Currently Amended) A terminal for a packet-switched telecommunications system, the terminal comprising at least one application capable of requesting radio bearer resources from a network of the packet-switched telecommunications system, the terminal being arranged to:

transmit information on compression methods of header fields in data packets supported by the terminal to the network; and, after transmitting the information on compression methods,

execute data transmission of the at least one application in accordance with a configuration of radio bearer resources defined by the network, wherein a definition of the radio

bearer resources is controlled in accordance with a capacity required by a selected header compression method.